

DESCRIPTION

This CCA watershed flows into 'Robert E. Badham' Area of Special Biological Significance (ASBS), which has 0.7 miles of coastline in Orange County. The Robert E. Badham State Marine Park (formerly known as the Newport Beach Marine Life Refuge) is located along the shoreline of this ASBS out to a distance of 200 feet offshore, and is administered by the Calif. Dept. of Fish and Game. Adjacent to the northern end of the ASBS, Newport State Beach (administered by the Calif. Dept. of Parks and Recreation) is a heavily used recreational area, while coastal bluffs and rocky tide pools dominate the southern end. Uses of the watershed, nearshore, and offshore areas include industrial service supply, navigation, recreation, commercial and sportfishing, shellfish harvesting.

Three natural streams flow into the ASBS. Recreational uses are adversely impacted by 18 direct discharges and urban runoff from the Corona Del Mar area of Newport Beach; the primary drainage sources are pipes and stairways that appear to lead from the urban development on the coastal bluffs. Urban runoff may also be contributing toxic pollutants such as pesticides and other organics, and some impacts are resulting from hydromodification in the upstream portions of Buck Gully.



Little Corona Coastline South of
Newport Beach

(Photo courtesy State Water Resources
Control Board).

For more photos, visit the California
Coastal Records Project:
www.californiacoastline.org

REASON FOR CCA IDENTIFICATION

This watershed flows into the 'Robert E. Badham' Area of Special Biological Significance (ASBS), which is a State Water Quality Protection Area. Lower Newport Bay and Buck Gully Creek are also 2002 303(d)-listed **impaired waterbodies that flow into a Marine Protected Area** (Robert E. Badham State Marine Park, formerly named Newport Beach Marine Life Refuge).

POLLUTED RUNOFF CONDITIONS

	Top 5 Runoff Pollutants of Concern					Efforts to Address Pollutants (See next page)
	<u>2002 303(d)-Listed Pollutants</u> TMDL Priority (& Proposed Completion if available)					
Selected Coastal Zone Waterbodies	<u>Metals</u>	<u>Pesticides</u>	<u>Priority Organics</u>	<u>Fecal Coliform</u>	<u>Total Coliform</u>	
Lower Newport Bay ▲	▲ Medium	▲ High (2003)	▲ Medium			
Buck Gully Creek ■				■ Low	■ Low	
Morning Canyon Creek •						
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture		▲				
Forestry (Silviculture)						
Urban Areas						
➤ Urban Runoff/ Storm Sewers	▲			■ •	■ •	a, b, c, e, f
➤ Contaminated Sediments	▲	▲	▲			a, e
Marinas & Boating						
➤ Boatyards	▲					
Hydromodification						

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Potential Sources of Pollutants, continued	Metals	Pesticides	Priority Organics	Fecal Coliform	Total Coliform	Efforts to Address Pollutants
Wetlands & Riparian Areas						d, f
Unspecified Nonpoint Source			▲			
Source Unknown				■	■	

MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a)	Assessment, Management, and Restoration			www.city.newport-beach.ca.us
City of Newport Beach		David Kiff	(949) 644-3032	Dkiff@city.newport-beach.ca.us
➤ The objectives are to implement specific stabilization and restoration projects within the framework of the watershed management plans and prepare for subsequent watershed restoration projects.				
b)	Watershed Network (Statewide)			www.watershednetwork.org
Orange County, Resources Development Management Dept.		Michael Wellborn	(714) 834-2486	michael@watershednetwork.org Michael.wellborn@rdmd.ocgov.com
➤ Non-profit 501c(3) acting as liaison between government agencies and non-governmental agencies (NGOs); lobbying support of local groups to aid with appropriations and interpret state legislation, policy, and permits.				
c)	Orange County CoastKeeper Joint Efforts			www.coastkeeper.org
Orange County CoastKeeper; and Surfrider Foundation		Gary Brown & Randy Seton; Nancy Gardner	(949) 723-5424 Contact through CoastKeeper	coastkeeper1@earthlink.net
➤ Sampling tributaries to ocean and coastal waterbodies in conjunction with Regional Water Quality Control Board. Divers observe littoral/offshore conditions and marine animal population recoveries.				
d)	Laguna Canyon Conservancy			http://www.lagunacanyon.org/
		Belinda Blacketer	(714) 497-4439 (714)-494-8190	lagunacf2@lagunacanyon.org
➤ Mission is to preserve Laguna Canyon from ridgeline to ridgeline, within the watershed area.				
e)	Lower Newport Bay/Rhine Channel Pollutants Assessment Project			www.coastkeeper.org
Orange County CoastKeeper		Randy Seton	(949) 723-5424	coastkeeper1@earthlink.net
➤ Will conduct a paired water quality, sediment and benthic testing project in the Lower Newport Bay and Rhine Channel, providing data needed by the Santa Ana RWQCB to facilitate implementation of technical TMDLs.				
f)	Newport Coast Watershed Program			http://www.city.newport-beach.ca.us/watershed/Main%20Page.htm
City of Newport Beach; County of Orange; and the Irvine Company			(949) 718-1993	ncwatershedprogram@city.newport-beach.ca.us
➤ This program sets in place a framework for stabilizing and restoring the watershed that can effectively deal with the technical, jurisdictional and financial hurdles that must be simultaneously addressed.				

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REGULATORY/PLANNING JURISDICTIONS

➤ City of Newport Beach, Public Works Dept.	http://www.city.newport-beach.ca.us/Pubworks/pwmain.htm	Robert Stein	(949) 644-3322	RStein@city.newport-beach.ca.us
➤ County of Orange, Watershed & Coastal Resources Division	http://www.ocwatersheds.com/	Larry McKenney	(714) 834-5067	Larry.McKenney@pfrd.ocgov.com
➤ Calif. Coastal Commission, Water Quality Unit	http://www.coastal.ca.gov/nps/npsndx.html	Tracy Duffey	(805) 585-1809	tduffey@coastal.ca.gov
➤ Santa Ana Regional Water Quality Control Board, Coastal Planning	http://www.waterboards.ca.gov/santaana/	Wanda Marquiz-Smith	(909) 782-4468	wmarquis-smith@waterboards.ca.gov
➤ State Water Resources Control Board, ASBSs	http://www.swrcb.ca.gov/plnspols/oplans/asbs.html	Connie Anderson	(916) 341-5280	csanderson@waterboards.ca.gov
➤ California Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Mary Small	(510) 286-4181	msmall@scc.ca.gov
➤ Calif. Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Karen Bane	(510) 286-4172	kbane@scc.ca.gov
➤ Calif. Dept. of Fish & Game, Marine Region	http://www.dfg.ca.gov/mrd/	John Ugoretz	(831) 649-2893	jugoretz@dfg.ca.gov
➤ Calif. Dept. of Fish & Game	http://www.dfg.ca.gov/	Brian Shelton	(949) 640-9958	bshelton@dfg.ca.gov
➤ Calif. State Parks, Orange Coast District	www.parks.ca.gov/default.asp?page_id=644	David Pryor	(949) 497-1421	pryor@fea.net
➤ NOAA Fisheries	http://www.nmfs.noaa.gov/	Robert Hoffman	(562) 980-4043	bob.hoffman@noaa.gov
➤ U.S. Fish & Wildlife Service	http://www.fws.gov/	Jack Fancher	(760) 431-9440	jack_fancher@fws.gov